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Attorney Docket No. 018512-002211US
"Express Mail" Label No. EL624000236US

BOX PATENT APPLICATION
ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Date of Deposit: January 22, 2001
I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, addressed to:

Sir:
Transmitted herewith for filing under 37 CFR 1.53(b) is the
[] patent application of
[] continuation patent application of
[X] divisional patent application of
[] continuation-in-part patent application of

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

By: *Amette S Parent*

JC815 U.S. PTO
09/767597
01/22/01

Inventor/Applicant Identifier: Timothy JEGLA

For: **HUMAN HAC3**

- [X] This application claims priority from each of the following Application Nos./filing dates:
60/129,456, filed April 15, 1999; and 09/548,933, filed April 13, 2000.
the disclosure(s) of which is (are) incorporated by reference.
- [X] Please amend this application by adding the following before the first sentence: "This application is a divisional of and claims the benefit of U.S. Application Nos. 60/129,456, filed April 15, 1999; and 09/548,933, filed April 13, 2000, the disclosures of which are incorporated by reference."

Enclosed are:

- [X] 65 pages of specification
[X] 5 pages of claims
[X] 1 page of Abstract
[X] 1 Title page
[X] 6 sheets of [X] formal [] informal drawings.
[X] An assignment of the invention to ICAGEN, Inc. (from parent)
[X] A [X] signed [] unsigned Declaration (from parent).
[X] A Power of Attorney by Assignee with Certificate Under 37 CFR Section 3.73(b) (from parent).
[X] A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27 (from parent).
[X] Preliminary Amendment.
[X] Information Disclosure Statement under 37 CFR 1.97 with one (1) page of Form PTO-1449 with references (from parent).
[X] Statement to use sequence listing from parent.
[X] Communication under 37 CFR §§ 1.821-1.825 and Amendment, dated October 23, 2000 (from parent).

	(Col. 1)	(Col. 2)	
FOR:	NO. FILED	NO. EXTRA	
BASIC FEE			
TOTAL CLAIMS	24 - 20	= *4	
INDEP. CLAIMS	4 - 3	= *1	
[] MULTIPLE DEPENDENT CLAIM PRESENTED			

* If the difference in Col. 1 is less than 0, enter "0" in Col. 2.

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	FEE		RATE	FEE
	\$355.00	OR		\$710.00
x \$9.00 =	\$36.00	OR	x \$18.00 =	
x \$40.00 =	\$40.00	OR	x \$80.00 =	
+ \$135.00 =		OR	+ \$270.00 =	
TOTAL	\$431.00	OR	TOTAL	

Please charge Deposit Account No. 20-1430 as follows:

- [X] Filing fee \$431.00
[X] Any additional fees associated with this paper or during the pendency of this application.

2 extra copies of this sheet are enclosed.

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Respectfully submitted,
TOWNSEND and TOWNSEND and CREW LLP

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